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501-455-3233 Fax 501-455-6118

23 May 2013

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1305237

Enclosed are the results of analyses for samples received by the laboratory on 17-May-13 10:30. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	2.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

23 May 2013



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Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 17-May-13 10:30

ANALYTICAL RESULTS

Lab Number: 1305237-01
Sample Name: Mouth
Date/Time Collected: 5/16/13 11:40
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	18.3		5/20/13 17:55	A305277	8270D
2,4,6-Tribromophenol [surr]	%	111		5/20/13 17:55	A305277	8270D
2-Fluorophenol [surr]	%	54.6		5/20/13 17:55	A305277	8270D
Phenol-d5 [surr]	%	29.2		5/20/13 17:55	A305277	8270D

ANALYTICAL RESULTS

Lab Number: 1305237-02
Sample Name: Weir
Date/Time Collected: 5/16/13 11:15
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 1.00		5/20/13 18:17	A305277	8270D
2,4,6-Tribromophenol [surr]	%	106		5/20/13 18:17	A305277	8270D
2-Fluorophenol [surr]	%	61.7		5/20/13 18:17	A305277	8270D
Phenol-d5 [surr]	%	37.3		5/20/13 18:17	A305277	8270D

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QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 20-May-13 16:29 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A305277 - 3510C Modified

Blank (A305277-BLK1)

Prepared & Analyzed: 20-May-13

Pentachlorophenol	ND	1.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	43.1		"	40.0		108	26-130			
Surrogate: 2-Fluorophenol	27.4		"	40.0		68.4	10-80			
Surrogate: Phenol-d5	14.7		"	40.0		36.7	10-58			

LCS (A305277-BS1)

Prepared & Analyzed: 20-May-13

Pentachlorophenol	40.4	1.00	ug/L	40.0		101	69-129			
Surrogate: 2,4,6-Tribromophenol	44.6		"	40.0		112	26-130			
Surrogate: 2-Fluorophenol	25.5		"	40.0		63.8	10-80			
Surrogate: Phenol-d5	18.2		"	40.0		45.5	5-58			

Matrix Spike (A305277-MS1)

Source: 1305237-02

Prepared & Analyzed: 20-May-13

Pentachlorophenol	76.1	2.00	ug/L	80.0	0.00	95.1	50-139			
Surrogate: 2,4,6-Tribromophenol	81.1		"	80.0		101	26-130			
Surrogate: 2-Fluorophenol	44.6		"	80.0		55.8	10-80			
Surrogate: Phenol-d5	30.5		"	80.0		38.2	10-58			

Matrix Spike Dup (A305277-MSD1)

Source: 1305237-02

Prepared & Analyzed: 20-May-13

Pentachlorophenol	78.9	2.00	ug/L	80.0	0.00	98.6	50-139	3.53	27	
Surrogate: 2,4,6-Tribromophenol	85.5		"	80.0		107	26-130			
Surrogate: 2-Fluorophenol	46.2		"	80.0		57.7	10-80			
Surrogate: Phenol-d5	30.3		"	80.0		37.9	10-58			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James
President

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